

In re Patent Application of:

LEAMING

Serial No. 10/829,007

Filing Date: April 21, 2004

REMARKS

By this amendment, independent Claims 1, 10, 19 and 28 have been amended to further clarify features therein. Claims 1, 4-10, 13-19, 22-28 and 31-35 remain pending in the application. Favorable reconsideration is respectfully requested.

I. The Claimed Embodiments

As recited in independent Claim 1, for example, the present invention is directed to an integrated circuit for a smart card which includes a transceiver and a processor for communicating with a host device over a system bus via the transceiver. The processor is for attaching to the system bus by providing an attachment signal, providing at least one default descriptor to the host device, and cooperating with the host device to perform an enumeration based upon the at least one default descriptor. Moreover, the processor is also for detaching from the system bus by removing the attachment signal in view of a system event, reattaching to the system bus by providing the attachment signal again, and providing at least one alternate descriptor to the host device and cooperating with the host device to perform a new enumeration based thereon based upon allocations of system bus bandwidth to other devices communicating with the host device over the system bus.

Independent Claims 10, 19, and 28 are directed to a related smart card, smart card system, and method, respectively.

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II. The Claims are Patentable

The Board affirmed the Examiner's rejection of independent Claims 1, 10, 19, and 28 over Maier in view of Lu et al. for the reasons set forth in the Decision on Appeal mailed August 31, 2010. The Board stated (e.g. page 6 of the Decision on Appeal) that Appellant's arguments against the obviousness rejection were unpersuasive because the independent claims did not recite "the integrated circuit, smart card, or processor attaching or reattaching itself or removing its attachment signal."

Accordingly, by this amendment, the independent claims are amended to now more clearly recite that the integrated circuit, smart card, or processor attaches, detaches and reattaches itself by respectively providing or removing its attachment signal, as helpfully suggested by the Board.

Independent Claims 1, 10, 19, and 28 of the present application are not merely reciting that a USB host can exclude peripherals from accessing the USB if there is already too great of a demand on available USB bandwidth, as Maier teaches. Rather, the above noted independent claims recite that it is the smart card (e.g., the smart card processor) that selectively removes its attachment signal from the system bus and re-enumerates based upon an alternate descriptor(s) based upon allocations of the system bus bandwidth to other devices communicating with the host device over the system bus. Nothing in the Maier reference teaches or properly provides this claimed recitation.

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There is simply no teaching or suggestion in the cited references to provide the combination of features as claimed. Accordingly, for at least the reasons given above, Applicant maintains that the cited reference does not disclose or fairly suggests the invention as set forth in Claims 1, 10, 19 and 28. Furthermore, no proper modification of the teachings of these references could result in the invention as claimed. Thus, the rejection under 35 U.S.C. §103(a) should be withdrawn.

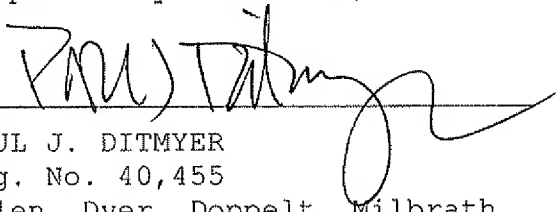
It is submitted that the independent claims are patentable over the prior art. In view of the patentability of the independent claims, it is submitted that their dependent claims, which recite yet further distinguishing features are also patentable over the cited references for at least the reasons set forth above. Accordingly, these dependent claims require no further discussion herein.

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III. Conclusion

In view of the foregoing remarks, it is respectfully submitted that the present application is in condition for allowance. An early notice thereof is earnestly solicited. If, after reviewing this Response, there are any remaining informalities which need to be resolved before the application can be passed to issue, the Examiner is invited and respectfully requested to contact the undersigned by telephone to resolve such informalities.

Respectfully submitted,



PAUL J. DITMYER
Reg. No. 40,455
Allen, Dyer, Doppelt, Milbrath
& Gilchrist, P.A.
255 S. Orange Avenue, Suite 1401
Post Office Box 3791
Orlando, Florida 32802
Telephone: 407/841-2330
Fax: 407/841-2343
Attorney for Applicant